RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: 10 524 152

Source: PCT

Date Processed by STIC: 2-22-05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
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2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the
United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , **EFS Submission User Manual** - ePAVE)
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3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
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   Alexandria. VA 22314

Revised 01/24/05

PCT

RAW SEQUENCE LISTING   DATE: 02/22/2005
PATENT APPLICATION: **US/10/524,152**   TIME: 09:28:10

Input Set : **A:\Sequence Listing 4126-4025.txt**
Output Set: **N:\CRF4\02222005\J524152.raw**

```
   3 <110> APPLICANT: Pharma Mar, S.A.U.
   4         Perez Esteban, Beatriz
   6 <120> TITLE OF INVENTION: Sequences From An Endosymbiont And Their Uses
   8 <130> FILE REFERENCE: 4126-4025
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/524,152
  11 <141> CURRENT FILING DATE: 2005-02-11
  13 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003538
  14 <151> PRIOR FILING DATE: 2003-08-13
  16 <160> NUMBER OF SEQ ID NOS: 14
  18 <170> SOFTWARE: PatentIn version 3.2
```

ERRORED SEQUENCES

```
 163 <210> SEQ ID NO: 9       found 20
 164 <211> LENGTH: 20
 165 <212> TYPE: DNA
 166 <213> ORGANISM: artificial
 168 <220> FEATURE:
 169 <223> OTHER INFORMATION: EUB8-f
 172 <220> FEATURE:
 173 <221> NAME/KEY: misc_feature
 174 <222> LOCATION: (3)..(3)
 175 <223> OTHER INFORMATION: N is A or G
 177 <220> FEATURE:
 178 <221> NAME/KEY: misc_feature
 179 <222> LOCATION: (12)..(12)
 180 <223> OTHER INFORMATION: N is A or C
 182 <400> SEQUENCE: 9
E--> 183 agngtttgat cntggctcag
 204 <210> SEQ ID NO: 11      found 21
 205 <211> LENGTH: 21
 206 <212> TYPE: DNA
 207 <213> ORGANISM: artificial
 209 <220> FEATURE:
 210 <223> OTHER INFORMATION: 16S-F1
 213 <220> FEATURE:
 214 <221> NAME/KEY: misc_feature
 215 <222> LOCATION: (5)..(5)
 216 <223> OTHER INFORMATION: N is G or C
 218 <220> FEATURE:
 219 <221> NAME/KEY: misc_feature
 220 <222> LOCATION: (13)..(13)
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Does Not Comply
Corrected Diskette Needed
(PS.1-2)

19 -20

RAW SEQUENCE LISTING   DATE: 02/22/2005
PATENT APPLICATION: **US/10/524,152**   TIME: 09:28:10

Input Set : **A:\Sequence Listing 4126-4025.txt**
Output Set: **N:\CRF4\02222005\J524152.raw**

```
221 <223> OTHER INFORMATION: N is A, C, or T
223 <400> SEQUENCE: 11
E--> 224 gagantttga tcntggctcag
```

20 -21

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/22/2005
PATENT APPLICATION: US/10/524,152   TIME: 09:28:11
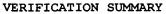
Input Set : **A:\Sequence Listing 4126-4025.txt**
Output Set: **N:\CRF4\02222005\J524152.raw**

<u>Invalid <213> Response:</u>
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7,8,9,10,11,12,13,14

VERIFICATION SUMMARY   DATE: 02/22/2005
PATENT APPLICATION: **US/10/524,152**   TIME: 09:28:11

Input Set : **A:\Sequence Listing 4126-4025.txt**
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```
L:10  M:270 C: Current Application Number differs, Replaced Current Application Number
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:183 M:254 E: No. of Bases conflict, LENGTH:Input:19 Counted:20 SEQ:9
L:201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:224 M:254 E: No. of Bases conflict, LENGTH:Input:20 Counted:21 SEQ:11
```

Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.